

Author index

Volume 31 (1994)

Abrah, F., see Dawson, J. 31, 187

Ågren-Cronqvist, A., see Hendry, J.H. 31, 14

Allouache, N., see Bachaud, J.M. 31, 199

Alzieu, C., see Bachaud, J.M. 31, 199

Ando, Y., see Ito, H. 31, 240

Atkinson, C., see O'Sullivan, B. 31, 23

Bachaud, J.M., M. Delannes, N. Allouache, M. Benchalal, C. Alzieu, J.M. David, E. Serrano, N.J. Daly-Schweitzer, Radiotherapy of Stage I and II carcinomas of the mobile tongue and/or floor of the mouth 31, 199

Bartelink, H., see Begg, A.C. 31, 129

Bartelink, H., see Bel, A. 31, 176

Barton, M.B., see Hendry, J.H. 31, 14

Baten-Wittwer, A., see van Rongen, E. 31, 138

Begg, A.C., M.J.M. Deurloo, W. Kop, H. Bartelink, Improvement of combined modality therapy with cisplatin and radiation using intratumoral drug administration in murine tumors 31, 129

Bel, A., H. Bartelink, R.E. Vijlbrief, J.V. Lebesque, Transfer errors of planning CT to simulator: a possible source of setup inaccuracies? 31, 176

Benchalal, M., see Bachaud, J.M. 31, 199

Bentel, G.C., L.B. Marks, A.E. Torano, L.R. Prosnitz, Correlation of mid-sternum and mid-spine positions in 82 patients irradiated for breast cancer 31, 248

Bolger, J.J., see Quilty, P.M. 31, 33

Brierley, J.D., B.J. Cummings, C.S. Wong, M. McLean, A. Cashell, S. Manter, The variation of small bowel volume within the pelvis before and during adjuvant radiation for rectal cancer 31, 110

Cano, E.R., see Saw, C.B. 31, 184

Carlsson, J., see Hartman, T. 31, 61

Cashell, A., see Brierley, J.D. 31, 110

Catton, C.N., see Duncan, W. 31, 41

Cederbaum, M., A. Kuten, The time-dependent LQ model applied to the matching line of adjacent fields in radiotherapy 31, 181

Chaplin, D.J., see Siemann, D.W. 31, 117

Childs, J., see Davidson, A. 31, 101

Coebergh, J-W., see de Jong, B. 31, 213

Crommelin, M., see de Jong, B. 31, 213

Cummings, B.J., see Brierley, J.D. 31, 110

Daly-Schweitzer, N.J., see Bachaud, J.M. 31, 199

David, J.M., see Bachaud, J.M. 31, 199

Davidson, A., J. Childs, J.W. Hopewell, D. Tait, Functional neurological outcome in leukaemic children receiving repeated cranial irradiation 31, 101

Dawson, J., T. Roy, F. Abrah, T. Wu, M. Haenchen, J. Gu, R. McDonald, H. Kim, Comprehensive quality management program for radiation oncology 31, 187

de Jong, B., M. Crommelin, L.H. van der Heijden, J-W. Coebergh, Patterns of radiotherapy for cancer patients in south-eastern Netherlands, 1975 — 1989 31, 213

Dearnaley, D.P., see Gildersleve, J. 31, 161

Dearnaley, D.P., see Quilty, P.M. 31, 33

Delannes, M., see Bachaud, J.M. 31, 199

Deurloo, M.J.M., see Begg, A.C. 31, 129

Driver, N., see Kolkman-Deurloo, I.K.K. 31, 229

Duncan, W., C.N. Catton, P. Warde, M.K. Gospodarowicz, A.J. Munro, R. Lakier, J. Simm, T. Panzarella, The influence of transurethral resection of prostate on prognosis of patients with adenocarcinoma of the prostate treated by radical radiotherapy 31, 41

Evans, P.M., see Gildersleve, J. 31, 161

Flentje, M., A. Weirich, R. Pötter, R. Ludwig, Hepatotoxicity in irradiated nephroblastoma patients during postoperative treatment according to SIOP9/GPOH 31, 222

Flentje, M., see Zierhut, D. 31, 256

Frank, C., see Zierhut, D. 31, 256

Fu, H., see O'Sullivan, B. 31, 23

Gash, D.M., see Rubin, P. 31, 51

Gaze, M., see O'Sullivan, B. 31, 23

Gilbert, R., see O'Sullivan, B. 31, 23

Gildersleve, J., D.P. Dearnaley, P.M. Evans, M. Law, C. Rawlings, W. Swindell, A randomised trial of patient repositioning during radiotherapy using a megavoltage imaging system 31, 161

Gospodarowicz, M.K., see Duncan, W. 31, 41

Gu, J., see Dawson, J. 31, 187

Haenchen, M., see Dawson, J. 31, 187

Hansen, J.T., see Rubin, P. 31, 51

Hartman, T., J. Carlsson, Radiation dose heterogeneity in receptor and antigen mediated boron neutron capture therapy 31, 61

Haustermans, K., A.J. van der Kogel, B. Vanacker, E. van der Schueren, Influence of combined use of nicotinamide and carbogen on rat spinal cord radiation tolerance 31, 123

Hendry, J.H., S.A. Roberts, N.J. Slevin, T.J. Keane, M.B. Barton, A. Ågren-Cronqvist, Influence of radiotherapy treatment time on control of laryngeal cancer: comparisons between centres in Manchester, UK and Toronto, Canada 31, 14

Höckel, M., T. Müller, A new perineal template assembly for high-dose-rate interstitial brachytherapy of gynecologic malignancies 31, 262

Hopewell, J.W., see Davidson, A. 31, 101

Horsman, M.R., see Siemann, D.W. 31, 117

Huijzen, H., see van Bree, N.A.M. 31, 251

Idzes, M.H.M., see van Bree, N.A.M. 31, 251

Ito, H., S. Kutuki, I. Nishiguchi, N. Shigematsu, T. Kurabayashi, M. Uematsu, T. Nakayama, W.-J. Ka, K. Takemasa, Y. Ando, A. Kubo, Radiotherapy for cervical cancer with high-dose rate brachytherapy — correlation between tumor size, dose and failure 31, 240

Ka, W.-J., see Ito, H. 31, 240

Keane, T.J., see Hendry, J.H. 31, 14

Kesteloot, K., G. Louwet, G. Vande Velde, E. van der Schueren, A cost comparison of the use of fixed versus non-fixed versus individualised shielding blocks in radiotherapy 31, 151

Kim, H., see Dawson, J. 31, 187

Kirk, D., see Quilty, P.M. 31, 33

Kolkman-Deurloo, I.K.K., A.G. Visser, C.G.J. Niël, N. Driver, P.C. Levendag, Optimization of interstitial volume implants 31, 229

Kop, W., see Begg, A.C. 31, 129

Korb, L.J., see Saw, C.B. 31, 184

Kubo, A., see Ito, H. 31, 240

Kuijpers, W.C., see van Rongen, E. 31, 138

Kurabayashi, T., see Ito, H. 31, 240

Kuten, A., see Cederbaum, M. 31, 181

Kutuki, S., see Ito, H. 31, 240

Lakier, R., see Duncan, W. 31, 41

Law, M., see Gildersleve, J. 31, 161

Lebesque, J.V., see Bel, A. 31, 176

Levendag, P.C., see Kolkman-Deurloo, I.K.K. 31, 229

Lewington, V.J., see Quilty, P.M. 31, 33

Louwet, G., see Kesteloot, K. 31, 151

Ludwig, R., see Flentje, M. 31, 222

Lundgren, J., see O'Sullivan, B. 31, 23

Mackillop, W., see O'Sullivan, B. 31, 23

Maity, A., W.G. McKenna, R.J. Muschel, The molecular basis for cell cycle delays following ionizing radiation: a review 31, 1

Manter, S., see Brierley, J.D. 31, 110

Marks, L.B., see Bentel, G.C. 31, 248

Mason, M.D., see Quilty, P.M. 31, 33

McDonald, R., see Dawson, J. 31, 187

McKenna, W.G., see Maity, A. 31, 1

McLean, M., see Brierley, J.D. 31, 110

Mijnheer, B.J., see Steggerda, M.J. 31, 76

Mijnheer, B.J., see van Bree, N.A.M. 31, 251

Müller, T., see Höckel, M. 31, 262

Munro, A.J., see Duncan, W. 31, 41

Muschel, R.J., see Maity, A. 31, 1

Nakayama, T., see Ito, H. 31, 240

Nelson, D.F., see Rubin, P. 31, 51

Niël, C.G.J., see Kolkman-Deurloo, I.K.K. 31, 229

Nishiguchi, I., see Ito, H. 31, 240

O'Sullivan, B., W. Mackillop, R. Gilbert, M. Gaze, J. Lundgren, C. Atkinson, C. Wynne, H. Fu, Controversies in the management of laryngeal cancer: results of an international survey of patterns of care 31, 23

Oetzel, D., see Zierhut, D. 31, 256

Olea, N., see Ruiz de Almodóvar, J.M. 31, 207

Panzarella, T., see Duncan, W. 31, 41

Pedraza, V., see Ruiz de Almodóvar, J.M. 31, 207

Pötter, R., see Flentje, M. 31, 222

Prosnitz, L.R., see Bentel, G.C. 31, 248

Quilty, P.M., D. Kirk, J.J. Bolger, D.P. Dearnaley, V.J. Lewington, M.D. Mason, N.S.E. Reed, J.M. Russell, J. Yardley, A comparison of the palliative effects of strontium-89 and external beam radiotherapy in metastatic prostate cancer 31, 33

Rawlings, C., see Gildersleve, J. 31, 161

Reed, N.S.E., see Quilty, P.M. 31, 33

Roberts, S.A., see Hendry, J.H. 31, 14

Roy, T., see Dawson, J. 31, 187

Rubin, P., D.M. Gash, J.T. Hansen, D.F. Nelson, J.P. Williams, Disruption of the blood-brain barrier as the primary effect of CNS irradiation 31, 51

Ruiz de Almodóvar, J.M., J. Ruiz-García, N. Olea, M. Villalobos, V. Pedraza, Analysis of risk of death from differentiated thyroid cancer 31, 207

Ruiz-García, J., see Ruiz de Almodóvar, J.M. 31, 207

Russell, J.M., see Quilty, P.M. 31, 33

Saw, C.B., L.J. Korb, E.R. Cano, A. Wu, Dosimetric considerations of commercially fabricated esophageal applicators 31, 184

Serrano, E., see Bachaud, J.M. 31, 199

Shigematsu, N., see Ito, H. 31, 240

Siemann, D.W., M.R. Horsman, D.J. Chaplin, The radiation response of KHT sarcomas following nicotinamide treatment and carbogen breathing 31, 117

Simm, J., see Duncan, W. 31, 41

Slevin, N.J., see Hendry, J.H. 31, 14

Steggerda, M.J., B.J. Mijnheer, Replacement corrections of a Farmer-type ionization chamber for the calibration of Cs-137 and Ir-192 sources in a solid phantom 31, 76

Swindell, W., see Gildersleve, J. 31, 161

Tait, D., see Davidson, A. 31, 101

Takemasa, K., see Ito, H. 31, 240

Torano, A.E., see Bentel, G.C. 31, 248

Uematsu, M., see Ito, H. 31, 240

van Bree, N.A.M., M.H.M. Idzes, H. Huizenga, B.J. Mijnheer, Film dosimetry for radiotherapy treatment planning verification of a 6 MV tangential breast irradiation 31, 251

van der Heijden, L.H., see de Jong, B. 31, 213

van der Kogel, A.J., see Haustermans, K. 31, 123

van der Schueren, E., see Haustermans, K. 31, 123

van der Schueren, E., see Kesteloot, K. 31, 151

van Rongen, E., W.C. Kuijpers, A. Baten-Wittwer, The influence of platinum drugs on the radiation response of rat kidneys 31, 138

Vanacker, B., see Haustermans, K. 31, 123

Vande Velde, G., see Kesteloot, K. 31, 151

Vijlbrief, R.E., see Bel, A. 31, 176

Villalobos, M., see Ruiz de Almodóvar, J.M. 31, 207

Visser, A.G., see Kolkman-Deurloo, I.K.K. 31, 229

Vos, P.H., The accuracy of field shape definition using standard shielding blocks and the consequences for field shape verification 31, 169

Wannenmacher, M., see Zierhut, D. 31, 256

Warde, P., see Duncan, W. 31, 41

Weirich, A., see Flentje, M. 31, 222

Williams, J.P., see Rubin, P. 31, 51

Wong, C.S., see Brierley, J.D. 31, 110

Wu, A., see Saw, C.B. 31, 184

Wu, T., see Dawson, J. 31, 187

Wynne, C., see O'Sullivan, B. 31, 23

Yardley, J., see Quilty, P.M. 31, 33

Zierhut, D., M. Flentje, C. Frank, D. Oetzel, M. Wannenmacher, Conservative treatment of breast cancer: modified irradiation technique for women with large breasts 31, 256



Subject index

Volume 31 (1994)

Abdominal radiotherapy 31, 222
Actinomycin D 31, 222
Adenocarcinoma 31, 41
Antigens 31, 61
Automatic field shape verification 31, 169

Base of tongue implant 31, 229
Biological isoeffect 31, 181
Blood-brain barrier 31, 51
BNCT 31, 61
Bone marrow transplant 31, 101
Bone metastases 31, 33
Brachytherapy 31, 76, 184, 199, 229
Breast carcinoma 31, 248
Breast conserving radiotherapy 31, 256

Carbogen 31, 117, 123
Carboplatin 31, 138
cde2 31, 1
Cell cycle delay 31, 1
Cervical cancer 31, 240
Childhood 31, 101
Cisplatin 31, 129, 138
Combined treatment 31, 123, 138
Cost comparison 31, 151
Cyclin p53 31, 1

3D Treatment planning 31, 256
Decision making 31, 23
Differentiated thyroid carcinoma 31, 207
Digital portal imaging 31, 169
Dose evaluation 31, 229
Dose optimization 31, 229
DRR 31, 176
Drug therapy 31, 23

Ethics, medical 31, 23

Farmer-type chamber 31, 76
Field shape analysis 31, 169
Film dosimetry 31, 251
Fractionation 31, 14, 123, 138
Functional outcome 31, 101

Gynecologic neoplasms 31, 262
Hepatic toxicity 31, 222
High dose rate 31, 262
High dose-rate brachytherapy 31, 240
Hormone-refractory prostatic cancer 31, 33

Horse-radish peroxidase 31, 51
Internal mammary lymph nodes 31, 248
Interstitial brachytherapy 31, 262
Intraluminal implants 31, 184
Intratumoral drug administration 31, 129
Iproplatin 31, 138
Irradiation 31, 123

KHT sarcoma 31, 117

Laryngeal cancer 31, 14
Laryngeal neoplasms 31, 23
LQ formalism 31, 181

Magnetic resonance imaging 31, 51
Megavoltage imaging 31, 161
Metastasis 31, 240
Mobile tongue 31, 199
Mouse tumors 31, 129
Mouth floor 31, 199
Multivariate analysis 31, 41

Nephroblastoma 31, 222
Nicotinamide 31, 117, 123

Pain progression 31, 33
Pain relief 31, 33
Patient positioning 31, 161
Patient preferences 31, 2
Patient setup accuracy 31, 176
Patterns of care 31, 213
Pelvic radiation 31, 110
Perineal template 31, 262
Perspex phantom 31, 76
Population-based 31, 213
Portal imaging 31, 176
Positioning devices 31, 256
Prognosis 31, 41
Prognostic factors 31, 207
Prostate TURP 31, 41

Quality assurance 31, 187

Radiation 31, 1, 129
Radiation dosimetry 31, 184
Radiation therapy 31, 184, 248
Radiosensitization 31, 117, 129
Radiotherapy 31, 23, 33, 161, 187, 199, 213
Radiotherapy treatment planning verification 31, 251

Rat kidney 31, 138
Receptors 31, 61
Rectal cancer 31, 110
Recurrence 31, 240
Regulation 31, 187
Repeated cranial irradiation 31, 101
Replacement correction 31, 76
Residual tumor 31, 240

Shielding blocks 31, 151
Slow release 31, 129
Small bowel imaging 31, 110
Source calibration 31, 76
Specific energy 31, 61
Spinal cord 31, 123

Squamous cell carcinoma 31, 199
Standards 31, 187
Strontium-89 31, 33
Surgery 31, 23
Survival 31, 207

Targeting 31, 61
Theoretical models 31, 61
Time factor 31, 14
Time-dependent LQ model 31, 181
Treatment accuracy 31, 161
Treatment of large breasts 31, 256
Treatment planning 31, 110, 248

Volume implant 31, 229